

Javier Hernandez-Borges

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134
papers

5,202
citations

42
h-index

68
g-index

150
ext. papers

5,648
ext. citations

5.4
avg, IF

5.94
L-index

#	Paper	IF	Citations
134	Carbon nanotubes: Solid-phase extraction. <i>Journal of Chromatography A</i> , 2010 , 1217, 2618-41	4.5	281
133	Carbon nanotubes applications in separation science: a review. <i>Analytica Chimica Acta</i> , 2012 , 734, 1-30	6.6	264
132	Dispersive liquid-liquid microextraction for determination of organic analytes. <i>TrAC - Trends in Analytical Chemistry</i> , 2010 , 29, 728-751	14.6	219
131	Evolution and applications of the QuEChERS method. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 71, 169-185	14.6	214
130	On-line capillary electrophoresis-mass spectrometry for the analysis of biomolecules. <i>Electrophoresis</i> , 2004 , 25, 2257-81	3.6	176
129	Liquid phase microextraction applications in food analysis. <i>Journal of Chromatography A</i> , 2011 , 1218, 7415-37	4.5	150
128	Ionic liquid based dispersive liquid-liquid microextraction for the extraction of pesticides from bananas. <i>Journal of Chromatography A</i> , 2009 , 1216, 7336-45	4.5	138
127	Multi-walled carbon nanotubes as efficient solid-phase extraction materials of organophosphorus pesticides from apple, grape, orange and pineapple fruit juices. <i>Journal of Chromatography A</i> , 2008 , 1211, 33-42	4.5	127
126	Recent applications in nanoliquid chromatography. <i>Journal of Separation Science</i> , 2007 , 30, 1589-610	3.4	107
125	Ionic liquid-dispersive liquid-liquid microextraction for the simultaneous determination of pesticides and metabolites in soils using high-performance liquid chromatography and fluorescence detection. <i>Journal of Chromatography A</i> , 2011 , 1218, 4808-16	4.5	105
124	Dispersive liquid-liquid microextraction combined with ultra-high performance liquid chromatography for the simultaneous determination of 25 sulfonamide and quinolone antibiotics in water samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 75, 130-7	3.5	103
123	Recent applications of carbon nanotube sorbents in analytical chemistry. <i>Journal of Chromatography A</i> , 2014 , 1357, 110-46	4.5	96
122	Evaluation of a modified QuEChERS method for the extraction of pesticides from agricultural, ornamental and forestal soils. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 396, 2307-19	4.4	92
121	Comparison between magnetic and non magnetic multi-walled carbon nanotubes-dispersive solid-phase extraction combined with ultra-high performance liquid chromatography for the determination of sulfonamide antibiotics in water samples. <i>Talanta</i> , 2013 , 116, 695-703	6.2	91
120	Oxidized multi-walled carbon nanotubes for the dispersive solid-phase extraction of quinolone antibiotics from water samples using capillary electrophoresis and large volume sample stacking with polarity switching. <i>Journal of Chromatography A</i> , 2011 , 1218, 5352-61	4.5	83
119	Use of ammonium formate in QuEChERS for high-throughput analysis of pesticides in food by fast, low-pressure gas chromatography and liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1358, 75-84	4.5	78
118	Multi-walled carbon nanotubes-dispersive solid-phase extraction combined with nano-liquid chromatography for the analysis of pesticides in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 1113-23	4.4	73

117	Pesticide analysis by capillary electrophoresis. <i>Journal of Separation Science</i> , 2004 , 27, 947-63	3.4	71
116	Analysis of pesticide residues in bananas harvested in the Canary Islands (Spain). <i>Food Chemistry</i> , 2009 , 113, 313-319	8.5	70
115	Nanomaterials as sorbents for food sample analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 85, 203-220	3.6	69
114	Evaluation of multi-walled carbon nanotubes as solid-phase extraction adsorbents of pesticides from agricultural, ornamental and forestal soils. <i>Analytica Chimica Acta</i> , 2009 , 647, 167-76	6.6	68
113	Sample-preparation methods for pesticide-residue analysis in cereals and derivatives. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 38, 32-51	14.6	66
112	Highly sensitive analysis of multiple pesticides in foods combining solid-phase microextraction, capillary electrophoresis-mass spectrometry, and chemometrics. <i>Electrophoresis</i> , 2004 , 25, 2065-76	3.6	65
111	Food analysis: a continuous challenge for miniaturized separation techniques. <i>Journal of Separation Science</i> , 2009 , 32, 3764-800	3.4	61
110	Recent applications of nanomaterials in food safety. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 96, 172-200	3.6	58
109	Fluoroquinolone antibiotic determination in bovine, ovine and caprine milk using solid-phase extraction and high-performance liquid chromatography-fluorescence detection with ionic liquids as mobile phase additives. <i>Journal of Chromatography A</i> , 2009 , 1216, 7281-7	4.5	58
108	Solid-phase microextraction and sample stacking micellar electrokinetic chromatography for the analysis of pesticide residues in red wines. <i>Food Chemistry</i> , 2008 , 111, 764-770	8.5	58
107	Analysis of pesticides in soy milk combining solid-phase extraction and capillary electrophoresis-mass spectrometry. <i>Journal of Separation Science</i> , 2005 , 28, 948-56	3.4	58
106	Pesticide extraction from table grapes and plums using ionic liquid based dispersive liquid-liquid microextraction. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 395, 2387-95	4.4	57
105	Analysis of pesticides residues in environmental water samples using multiwalled carbon nanotubes dispersive solid-phase extraction. <i>Journal of Separation Science</i> , 2013 , 36, 556-63	3.4	55
104	Dispersive liquid-liquid microextraction combined with nonaqueous capillary electrophoresis for the determination of fluoroquinolone antibiotics in waters. <i>Electrophoresis</i> , 2010 , 31, 3457-65	3.6	55
103	Combining solid-phase microextraction and on-line preconcentration-capillary electrophoresis for sensitive analysis of pesticides in foods. <i>Electrophoresis</i> , 2005 , 26, 980-9	3.6	53
102	Nano-liquid chromatography analysis of dansylated biogenic amines in wines. <i>Journal of Chromatography A</i> , 2007 , 1147, 192-9	4.5	52
101	Ionic liquids as mobile phase additives for the high-performance liquid chromatographic analysis of fluoroquinolone antibiotics in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 392, 1439-46	4.4	50
100	Microplastic debris in beaches of Tenerife (Canary Islands, Spain). <i>Marine Pollution Bulletin</i> , 2019 , 146, 26-32	6.7	49

99	Sample treatments prior to capillary electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 2007 , 1153, 214-26	4.5	49
98	Core-shell polydopamine magnetic nanoparticles as sorbent in micro-dispersive solid-phase extraction for the determination of estrogenic compounds in water samples prior to high-performance liquid chromatography-mass spectrometry analysis. <i>Journal of Chromatography A</i> , 2015 , 1397, 1-10	4.5	48
97	Capillary electrochromatography in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 82, 250-267	4.6	47
96	Chromatographic analysis of natural and synthetic estrogens in milk and dairy products. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 44, 58-77	14.6	45
95	Determination of organophosphorus pesticides and metabolites in cereal-based baby foods and wheat flour by means of ultrasound-assisted extraction and hollow-fiber liquid-phase microextraction prior to gas chromatography with nitrogen phosphorus detection. <i>Journal of Chromatography A</i> , 2013 , 1313, 166-74	4.5	44
94	Determination of quinolone residues in infant and young children powdered milk combining solid-phase extraction and ultra-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 7608-14	4.5	43
93	Core-shell poly(dopamine) magnetic nanoparticles for the extraction of estrogenic mycotoxins from milk and yogurt prior to LC-MS analysis. <i>Food Chemistry</i> , 2017 , 215, 362-8	8.5	42
92	Determination of herbicides in mineral and stagnant waters at ng/L levels using capillary electrophoresis and UV detection combined with solid-phase extraction and sample stacking. <i>Journal of Chromatography A</i> , 2005 , 1070, 171-7	4.5	42
91	Estrogenic compounds determination in water samples by dispersive liquid-liquid microextraction and micellar electrokinetic chromatography coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1344, 109-21	4.5	40
90	Simultaneous determination of seven pesticides in waters using multi-walled carbon nanotube SPE and NACE. <i>Electrophoresis</i> , 2008 , 29, 4412-21	3.6	40
89	Hollow-fiber liquid-phase microextraction for the determination of natural and synthetic estrogens in milk samples. <i>Journal of Chromatography A</i> , 2013 , 1313, 175-84	4.5	38
88	Evaluation of the combination of a dispersive liquid-liquid microextraction method with micellar electrokinetic chromatography coupled to mass spectrometry for the determination of estrogenic compounds in milk and yogurt. <i>Electrophoresis</i> , 2015 , 36, 615-25	3.6	36
87	Pesticide residue analysis in cereal-based baby foods using multi-walled carbon nanotubes dispersive solid-phase extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 183-96	4.4	35
86	Chiral analysis of pollutants and their metabolites by capillary electromigration methods. <i>Electrophoresis</i> , 2005 , 26, 3799-813	3.6	35
85	Pesticide analysis in tomatoes by solid-phase microextraction and micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2008 , 1185, 151-4	4.5	34
84	Determination of phthalic acid esters in water samples by hollow fiber liquid-phase microextraction prior to gas chromatography tandem mass spectrometry. <i>Chemosphere</i> , 2018 , 201, 254-261	8.4	33
83	Multiwalled carbon nanotubes as solid-phase extraction materials for the gas chromatographic determination of organophosphorus pesticides in waters. <i>Journal of Separation Science</i> , 2008 , 31, 3612-9	3.4	33
82	Pesticides analysis by liquid chromatography and capillary electrophoresis. <i>Journal of Separation Science</i> , 2006 , 29, 2557-77	3.4	32

81	Analysis of oestrogenic compounds in dairy products by hollow-fibre liquid-phase microextraction coupled to liquid chromatography. <i>Food Chemistry</i> , 2014 , 149, 319-25	8.5	31
80	Determination of phthalic acid esters in water samples using core-shell poly(dopamine) magnetic nanoparticles and gas chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017 , 1530, 35-44	4.5	31
79	Insecticides extraction from banana leaves using a modified QuEChERS method. <i>Food Chemistry</i> , 2011 , 125, 1083-1090	8.5	31
78	Multiple pesticide analysis in wine by MEKC combined with solid-phase microextraction and sample stacking. <i>Electrophoresis</i> , 2007 , 28, 4072-81	3.6	31
77	Hollow-fiber liquid-phase microextraction for the determination of pesticides and metabolites in soils and water samples using HPLC and fluorescence detection. <i>Electrophoresis</i> , 2012 , 33, 2184-91	3.6	30
76	Recent food safety and food quality applications of CE-MS. <i>Electrophoresis</i> , 2009 , 30, 1624-46	3.6	30
75	Analysis of triazolopyrimidine herbicides in soils using field-enhanced sample injection-coelectroosmotic capillary electrophoresis combined with solid-phase extraction. <i>Journal of Chromatography A</i> , 2005 , 1100, 236-42	4.5	30
74	Use of Basolite F300 metal-organic framework for the dispersive solid-phase extraction of phthalic acid esters from water samples prior to LC-MS determination. <i>Talanta</i> , 2019 , 195, 236-244	6.2	30
73	Analytical methods for the determination of phthalates in food. <i>Current Opinion in Food Science</i> , 2018 , 22, 122-136	9.8	29
72	Atmospheric corrosion in subtropical areas: influences of time of wetness and deficiency of the ISO 9223 norm. <i>Corrosion Science</i> , 2005 , 47, 2005-2019	6.8	29
71	MEKC combined with SPE and sample stacking for multiple analysis of pesticides in water samples at the ng/L level. <i>Electrophoresis</i> , 2007 , 28, 1805-14	3.6	28
70	Determination of pesticides in wine using micellar electrokinetic chromatography with UV detection and sample stacking. <i>Journal of Chromatography A</i> , 2007 , 1150, 348-55	4.5	28
69	Evaluation of two molecularly imprinted polymers for the solid-phase extraction of natural, synthetic and mycoestrogens from environmental water samples before liquid chromatography with mass spectrometry. <i>Journal of Separation Science</i> , 2015 , 38, 2692-9	3.4	26
68	Determination of antioxidants in edible grain derivatives from the Canary Islands by capillary electrophoresis. <i>Food Chemistry</i> , 2005 , 91, 105-111	8.5	25
67	Determination of estrogens in environmental water samples using 1,3-dipentylimidazolium hexafluorophosphate ionic liquid as extraction solvent in dispersive liquid-liquid microextraction. <i>Electrophoresis</i> , 2014 , 35, 2479-87	3.6	24
66	Rapid analysis of triazolopyrimidine sulfoanilide herbicides in waters and soils by high-performance liquid chromatography with UV detection using a C18 monolithic column. <i>Journal of Separation Science</i> , 2007 , 30, 8-14	3.4	24
65	Multiresidue analysis of oestrogenic compounds in cow, goat, sheep and human milk using core-shell polydopamine coated magnetic nanoparticles as extraction sorbent in micro-dispersive solid-phase extraction followed by ultra-high-performance liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 2031-2042	4.4	23
64	Analysis of abamectin residues in avocados by high-performance liquid chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , 2007 , 1165, 52-7	4.5	23

63	Analysis of multiclass pesticides in dried fruits using QuEChERS-gas chromatography tandem mass spectrometry. <i>Food Chemistry</i> , 2019 , 297, 124961	8.5	22
62	Multiresidue determination of estrogens in different dairy products by ultra-high-performance liquid chromatography triple quadrupole mass spectrometry. <i>Journal of Chromatography A</i> , 2017 , 1496, 58-67	4.5	21
61	Determination of phthalates in beverages using multiwalled carbon nanotubes dispersive solid-phase extraction before HPLC-MS. <i>Journal of Separation Science</i> , 2018 , 41, 2613-2622	3.4	21
60	Menthol-Based Deep Eutectic Solvent Dispersive Liquid-Liquid Microextraction: A Simple and Quick Approach for the Analysis of Phthalic Acid Esters from Water and Beverage Samples. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 8783-8794	8.3	20
59	Determination of Abamectin Residues in Avocados by Microwave-Assisted Extraction and HPLC with Fluorescence Detection. <i>Chromatographia</i> , 2008 , 67, 69-75	2.1	20
58	Dispersive liquid-liquid microextraction of pesticides and metabolites from soils using 1,3-dipentylimidazolium hexafluorophosphate ionic liquid as an alternative extraction solvent. <i>Electrophoresis</i> , 2012 , 33, 1449-57	3.6	19
57	Dissipation kinetics of organophosphorus pesticides in milled toasted maize and wheat flour (gofio) during storage. <i>Food Chemistry</i> , 2017 , 229, 854-859	8.5	18
56	Determination of phthalic acid esters in different baby food samples by gas chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 5617-5628	4.4	18
55	Determination of pesticides and their metabolites in processed cereal samples. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012 , 29, 104-16	3.2	18
54	Content of aliphatic hydrocarbons in limpets as a new way for classification of species using artificial neural networks. <i>Chemosphere</i> , 2004 , 54, 1059-69	8.4	18
53	Application of multiwalled carbon nanotubes as sorbents for the extraction of mycotoxins in water samples and infant milk formula prior to high performance liquid chromatography mass spectrometry analysis. <i>Electrophoresis</i> , 2016 , 37, 1359-66	3.6	17
52	Pesticide analysis in rose wines by micellar electrokinetic chromatography. <i>Journal of Separation Science</i> , 2007 , 30, 3240-6	3.4	17
51	Microplastic-adsorbed organic contaminants: Analytical methods and occurrence. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 136, 116186	14.6	17
50	Recent applications of nanomaterials in capillary electrophoresis. <i>Electrophoresis</i> , 2017 , 38, 2431-2446	3.6	16
49	Dispersive Solid-Phase Extraction 2015 , 1525-1570		15
48	Atmospheric corrosion in subtropical areas: XRD and electrochemical study of zinc atmospheric corrosion products in the province of Santa Cruz de Tenerife (Canary Islands, Spain). <i>Corrosion Science</i> , 2006 , 48, 361-371	6.8	15
47	Covalent Organic Frameworks in Sample Preparation. <i>Molecules</i> , 2020 , 25,	4.8	15
46	Analysis of phthalic acid esters in sea water and sea sand using polymer-coated magnetic nanoparticles as extraction sorbent. <i>Journal of Chromatography A</i> , 2020 , 1611, 460620	4.5	15

45	Multiclass analytical method for the determination of natural/synthetic steroid hormones, phytoestrogens, and mycoestrogens in milk and yogurt. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 4467-4477	4.4	14
44	Optimization of the Microwave-Assisted Saponification and Extraction of Organic Pollutants from Marine Biota Using Experimental Design and Artificial Neural Networks. <i>Chromatographia</i> , 2006 , 63, 155-160	2.1	14
43	Determination of estrogenic compounds in milk and yogurt samples by hollow-fibre liquid-phase microextraction-gas chromatography-triple quadrupole mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 7447-59	4.4	13
42	Capillary electrochromatography and nano-liquid chromatography coupled to nano-electrospray ionization interface for the separation and identification of estrogenic compounds. <i>Electrophoresis</i> , 2016 , 37, 356-62	3.6	13
41	Recent Advances and Developments in the QuEChERS Method. <i>Comprehensive Analytical Chemistry</i> , 2017 , 319-374	1.9	12
40	Atmospheric corrosion in subtropical areas: Statistic study of the corrosion of zinc plates exposed to several atmospheres in the province of Santa Cruz de Tenerife (Canary Islands, Spain). <i>Corrosion Science</i> , 2007 , 49, 526-541	6.8	12
39	Rapid Separation of Antioxidants in Food Samples by Coelectroosmotic CE. <i>Chromatographia</i> , 2005 , 62, 271-276	2.1	12
38	Monitoring of meso and microplastic debris in Playa Grande beach (Tenerife, Canary Islands, Spain) during a moon cycle. <i>Marine Pollution Bulletin</i> , 2020 , 150, 110757	6.7	12
37	Pesticide analysis in toasted barley and chickpea flours. <i>Journal of Separation Science</i> , 2012 , 35, 299-307	3.4	10
36	High-throughput analysis of pesticides in minor tropical fruits from Colombia. <i>Food Chemistry</i> , 2019 , 280, 221-230	8.5	9
35	Microplastic pollution in sublittoral coastal sediments of a North Atlantic island: The case of La Palma (Canary Islands, Spain). <i>Chemosphere</i> , 2021 , 288, 132530	8.4	7
34	Arenas Blancas (El Hierro island), a new hotspot of plastic debris in the Canary Islands (Spain). <i>Marine Pollution Bulletin</i> , 2021 , 169, 112548	6.7	7
33	Extraction of phthalic acid esters from soft drinks and infusions by dispersive liquid-liquid microextraction based on the solidification of the floating organic drop using a menthol-based natural deep eutectic solvent. <i>Journal of Chromatography A</i> , 2021 , 1646, 462132	4.5	6
32	The current binomial Sonochemistry-Analytical Chemistry. <i>Journal of Chromatography A</i> , 2020 , 1614, 460511	4.5	6
31	Pesticides and Herbicides: Types, Uses, and Determination of Herbicides 2016 , 326-332		5
30	Assessment of microplastic content in <i>Diadema africanum</i> sea urchin from Tenerife (Canary Islands, Spain). <i>Marine Pollution Bulletin</i> , 2021 , 175, 113174	6.7	4
29	Determination of pesticides in dried minor tropical fruits from Colombia using the Quick, Easy, Cheap, Effective, Rugged, and Safe method-gas chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2020 , 43, 929-935	3.4	4
28	Quick, Easy, Cheap, Effective, Rugged, and Safe (QuEChERS) Extraction 2020 , 399-437		4

27	Organophosphorus Pesticides (OPPs) in Bread and Flours 2019 , 53-70		3
26	Extraction of Phthalic Acid Esters and Di(2-ethylhexyl) Adipate from Tap and Waste Water Samples Using Chromabond HLB as Sorbent Prior to Gas Chromatography-Mass Spectrometry Analysis. <i>Separations</i> , 2020 , 7, 21	3.1	3
25	Nano-Liquid Chromatographic Separations 2017 , 309-363		3
24	CE-MS fingerprinting of <i>Laurencia</i> complex algae (Rhodophyta). <i>Journal of Separation Science</i> , 2014 , 37, 711-6	3.4	3
23	Micro and Nano-Plastics in the Environment: Research Priorities for the Near Future. <i>Reviews of Environmental Contamination and Toxicology</i> , 2021 , 257, 163-218	3.5	3
22	Recycled wastewater as a potential source of microplastics in irrigated soils from an arid-insular territory (Fuerteventura, Spain).. <i>Science of the Total Environment</i> , 2022 , 152830	10.2	2
21	Analysis of pesticides in cherimoya and gulupa minor tropical fruits using AOAC 2007.1 and ammonium formate QuEChERS versions: A comparative study. <i>Microchemical Journal</i> , 2020 , 157, 104950	4.8	2
20	Deep Eutectic Solvents Application in Food Analysis. <i>Molecules</i> , 2021 , 26,	4.8	2
19	Fast and Miniaturized Chromatography 2015 , 1315-1356		1
18	Sorbent-Based Techniques for the Determination of Pesticides in Food 2012 , 263-312		1
17	Microplastics: An Emerging and Challenging Research Field. <i>Current Analytical Chemistry</i> , 2021 , 17, 894-904		1
16	Application of stimuli-responsive materials for extraction purposes. <i>Journal of Chromatography A</i> , 2021 , 1636, 461764	4.5	1
15	The current role of chromatography in microplastic research: Plastics chemical characterization and sorption of contaminants. <i>Journal of Chromatography Open</i> , 2021 , 1, 100001		1
14	Plastitar: A new threat for coastal environments. <i>Science of the Total Environment</i> , 2022 , 839, 156261	10.2	1
13	Determination of phthalic acid esters and di(2-ethylhexyl) adipate in fish and squid using the ammonium formate version of the QuEChERS method combined with gas chromatography mass spectrometry.. <i>Food Chemistry</i> , 2022 , 380, 132174	8.5	0
12	Miniaturized green sample preparation approaches for pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 207, 114405	3.5	0
11	Microplastics Determination in Gastrointestinal Tracts of European Sea Bass (<i>Dicentrarchus labrax</i>) and Gilt-Head Sea Bream (<i>Sparus aurata</i>) from Tenerife (Canary Islands, Spain). <i>Polymers</i> , 2022 , 14, 1931	4.5	0
10	New Trends in Analytical Sciences Nanomaterials 2018 , 1-33		

9 Estrogenic Compounds in Yogurt **2017**, 451-472

8 Carbon nanoparticles **2021**, 253-295

7 The Role of Chromatographic and Electromigration Techniques in Foodomics. *Advances in Experimental Medicine and Biology*, **2021**, 1336, 31-49 3.6

6 Chapter 2:Carbon Nanomaterials in Sample Preparation. *RSC Detection Science*, **2018**, 37-68 0.4

5 Preparation Methods and Advantages of Nano-Sorbents for Food Contaminants Determination. *Food Engineering Series*, **2020**, 49-96 0.5

4 Sorbent-Based Microextraction Techniques for the Analysis of Phthalic Acid Esters in Water Samples **2021**, 1-61

3 Analysis of Pesticide Residues in Pollen and Dairy Products. *Sustainable Agriculture Reviews*, **2021**, 47-89^{1,3}

2 Determination of phthalic acid esters and di(2-ethylhexyl) adipate in coffee obtained from capsules.. *Food Chemistry*, **2022**, 388, 132997 8.5

1 Chemometric Methods for the Optimization of CE and CE-MS in Pharmaceutical, Environmental, and Food Analysis133-168